Mouse anti-Human BNP Monoclonal Antibody | anti-BNP antibody

Anti-BNP Antibody (Capture Ab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59130	**Mouse**	**Human**	**ELISA**

PRODUCT SYNONYMS

BNP; Monoclonal Antibody; Anti-BNP Antibody (Capture Ab); Brain natriuretic peptide; BNP mAb (Mouse anti-human; clone # B4)-Capture Ab; anti-BNP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	B4
Purity/Purification	>95% by HPLC & SDS-PAGE
Form/Format	Liquid Protein A or G purified and supplied in 0.01 M PBS (pH7.4) without preservative.
Sequence Length	134
Applicable Applications for anti-BNP antibody	CLIA (Chemiluminescence Immunoassay), ELISA
Preparation and Storage	Aliquot and store at -20°C for long term (at least one year). Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-BNP antibody	Background: Brain natriuretic peptide or B-type natriuretic peptide (BNP) (also ventricular natriuretic peptide or natriuretic peptide B) is a 32-amino acid polypeptide secreted by the ventricles of the heart in response to excessive stretching of heart muscle cells (cardiomyocytes). BNP is secreted attached to a 76–amino acid N-terminal fragment in the prohormone called NT-proBNP (BNPT), which is biologically inactive. BNP is synthesized as a 134-amino acid preprohormone (preproBNP), encoded by the human gene NPPB.
References	1. Ziskoven D, Forssmann WG, Holthausen U, Menz G, Addicks K, Rippegater G (1989). "Calcium Calmodulin antagonists Influences the release of Cardiodilatin/ANP from Atrial Cardiocytes". In Kaufmann W, Wambach G. Handbook Endocrinology of the Heart. Berlin: Verlag: Springer. pp. 233-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860; Q6FGY0; Q9P2Q7; B0ZBE9

NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	**NPPB**
UniProt Synonym Gene Names	BNP(1-32); BNP-32

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/bnp-antibody-clone-b4-chemiluminescence-immunoassay-elisa/59130